

Journal Articles of John W. Goodrich
NASA Glenn Research Center

1. Dyson, R. W. & Goodrich, J. W. Automated approach to very high-order aeroacoustic computations. *AIAA JOURNAL* **39**, 396-406 (2001).
2. GRESHO, P. M. et al. IS THE STEADY VISCOUS INCOMPRESSIBLE 2-DIMENSIONAL FLOW OVER A BACKWARD-FACING STEP AT RE=800 STABLE. *INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN FLUIDS* **17**, 501-541 (1993).
3. GOODRICH, J. W., GUSTAFSON, K. & HALASI, K. TIME-ASYMPTOTIC FLOW CALCULATION. *COMPUTER PHYSICS COMMUNICATIONS* **65**, 107-116 (1991).
4. GOODRICH, J. W., GUSTAFSON, K. & HALASI, K. HOPF-BIFURCATION IN THE DRIVEN CAVITY. *JOURNAL OF COMPUTATIONAL PHYSICS* **90**, 219-261 (1990).
5. GOODRICH, J. W. & SOH, W. Y. TIME-DEPENDENT VISCOUS INCOMPRESSIBLE NAVIER-STOKES EQUATIONS - THE FINITE-DIFFERENCE GALERKIN FORMULATION AND STREAMFUNCTION ALGORITHMS. *JOURNAL OF COMPUTATIONAL PHYSICS* **84**, 207-241 (1989).
6. SOH, W. Y. & GOODRICH, J. W. UNSTEADY SOLUTION OF INCOMPRESSIBLE NAVIER-STOKES EQUATIONS. *JOURNAL OF COMPUTATIONAL PHYSICS* **79**, 113-134 (1988).
7. Goodrich, J., Hagstrom, T. & Lorenz, J. Hermite methods for hyperbolic initial-boundary value problems. *MATHEMATICS OF COMPUTATION* **75**, 595-630 (2006).
8. Hagstrom, T. & Goodrich, J. Accurate radiation boundary conditions for the linearized euler equations in cartesian domains. *SIAM JOURNAL ON SCIENTIFIC COMPUTING* **24**, 770-795 (2002).
9. Hagstrom, T. & Goodrich, J. Experiments with approximate radiation boundary conditions for computational aeroacoustics. *APPLIED NUMERICAL MATHEMATICS* **27**, 385-402 (1998).